

FIGURE 1A  
(PRIOR ART)

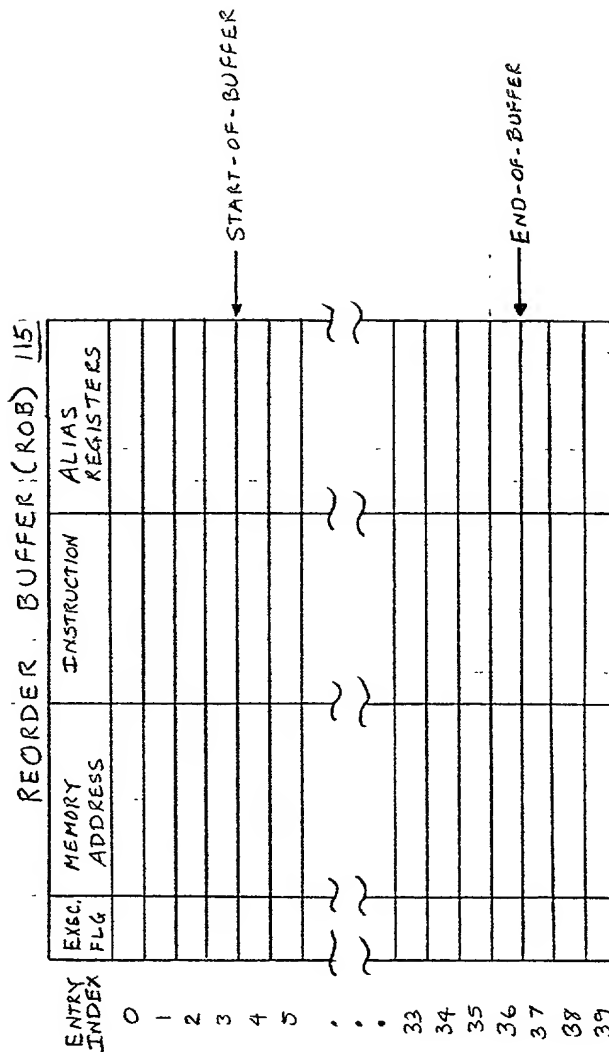


FIGURE 1B  
(PRIOR ART)

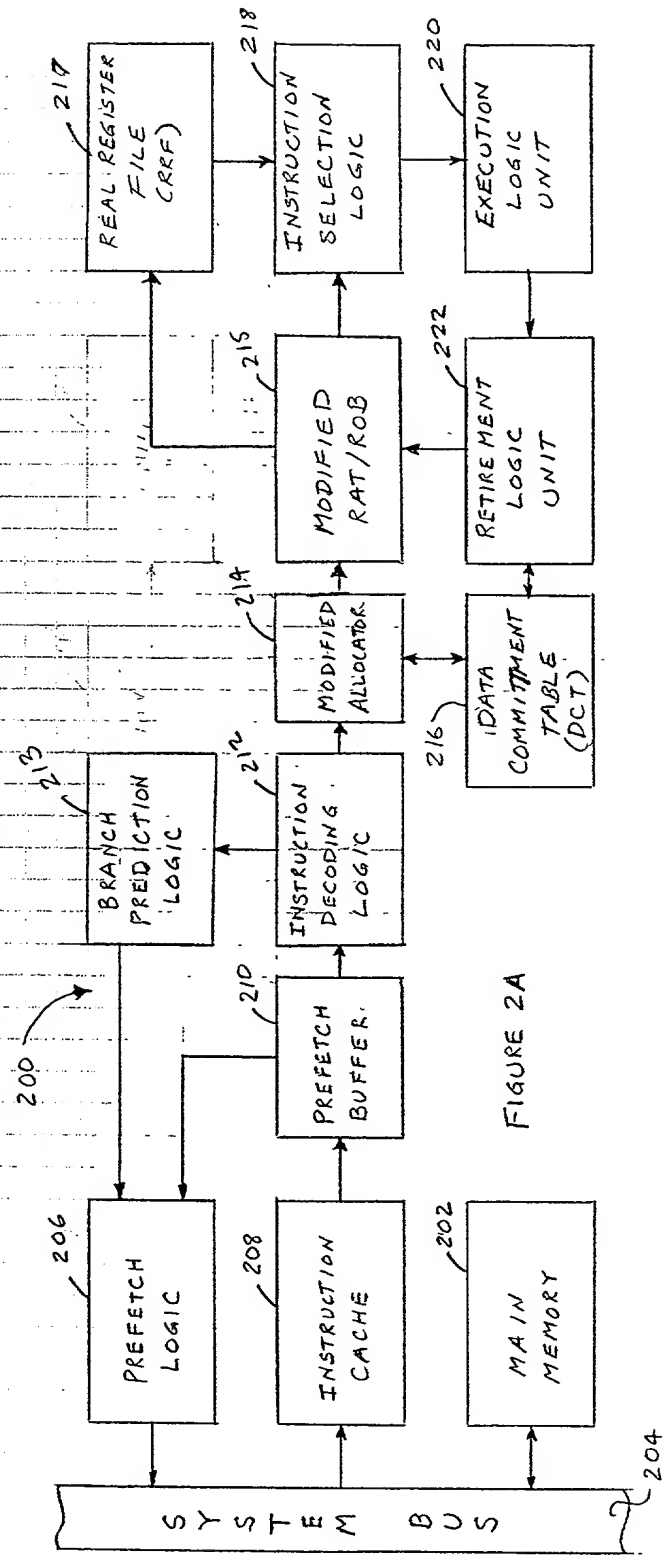


FIGURE 2A

MODIFIED REORDER BUFFER 215

ENTRY INDEX	VALID DATA	EXEC FLAG	MEMORY ADDRESS	INSTRUCTION	ALIAS REGISTERS
0					
1					
2					
3					
4					
5					
...					
33					
34					
35					
36					
37					
38					
39					

FIGURE 2B

DATA COMMITMENT TABLE 216

REAL REGISTERS	COMMITTED VALUE LOG. FILE	ROB ENTRY INDEX
EAX		
EBX		
ECX		
EDX		
ESI		
EDI		
EBP		
ESP		
TMP1		
TMP2		
...		
TMPn-3		
TMPn-2		
TMPn-1		
TMPn		

FIGURE 2C

